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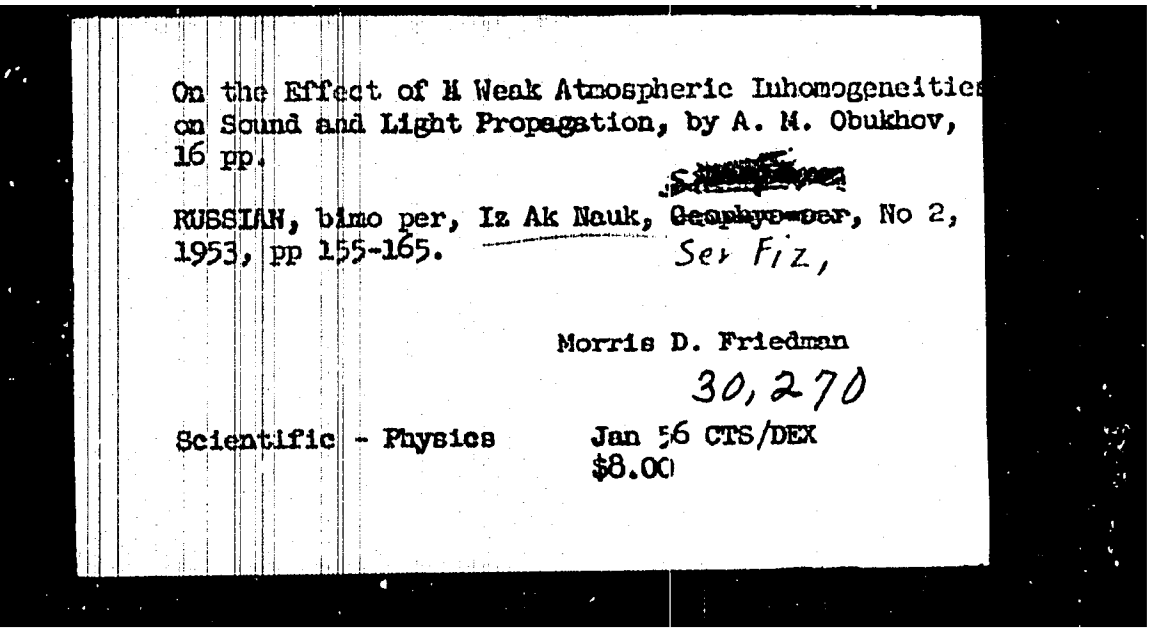

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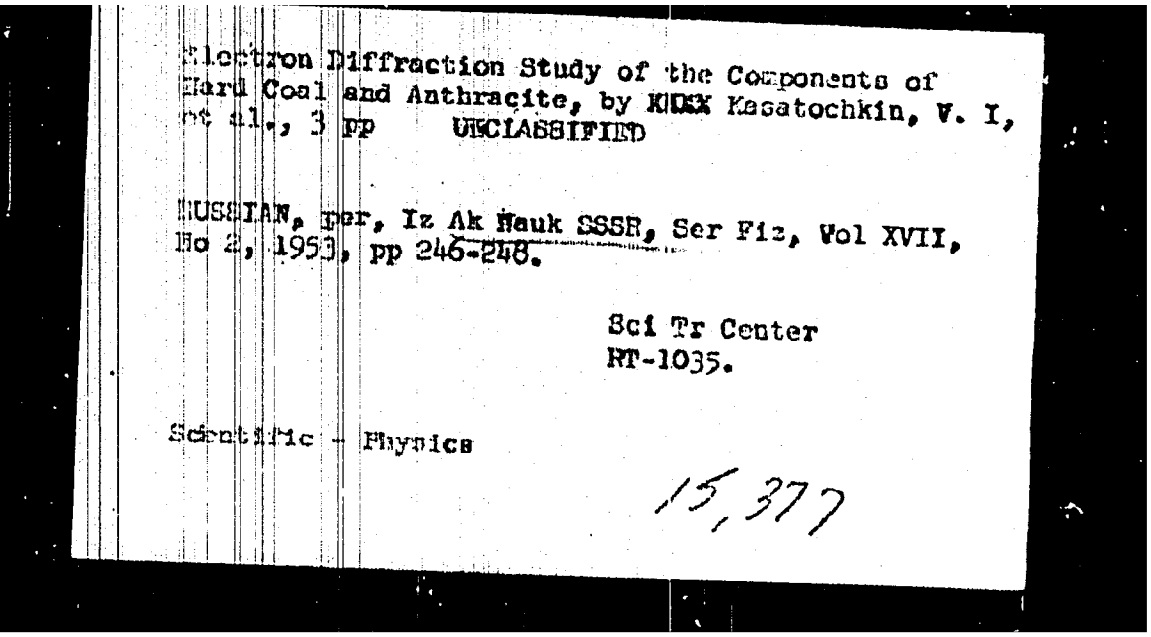

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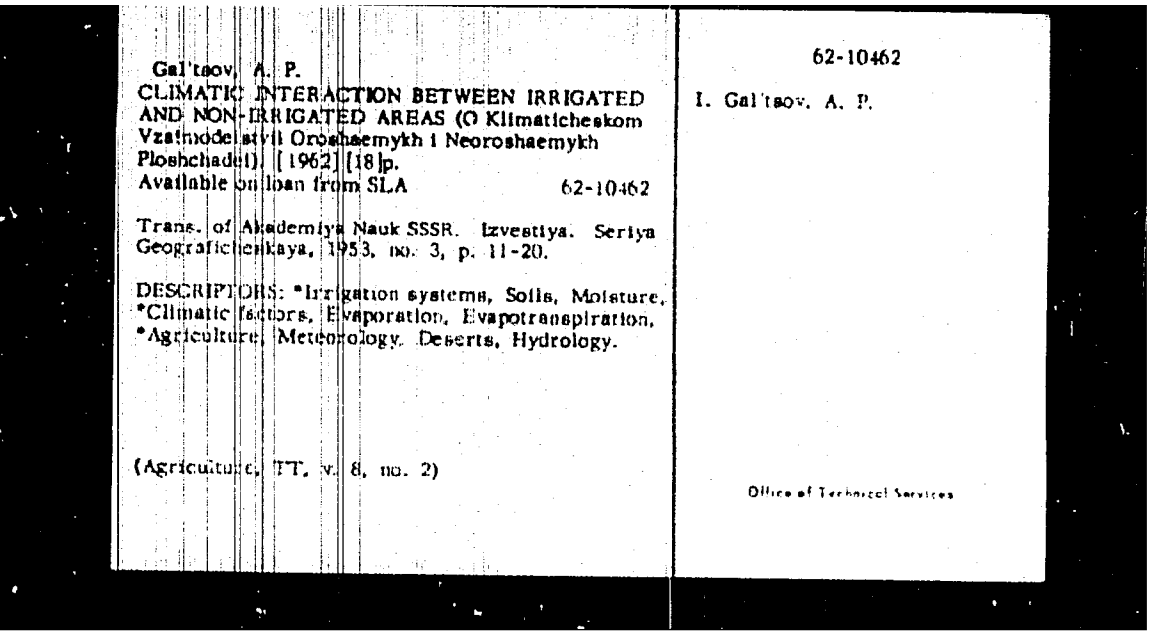

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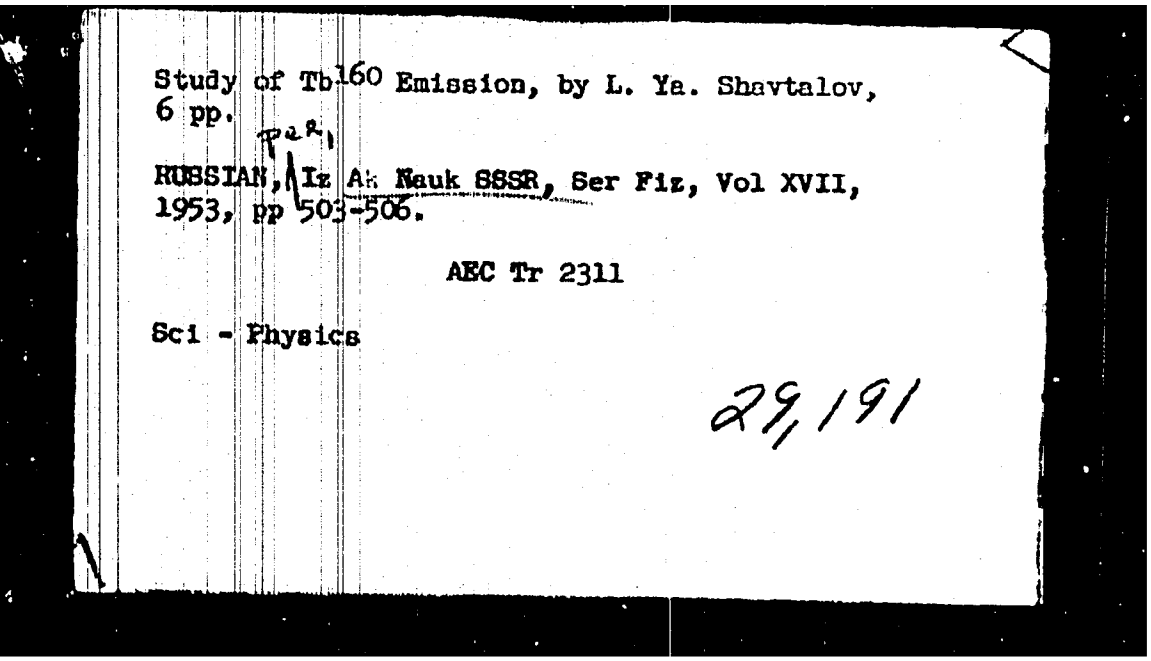

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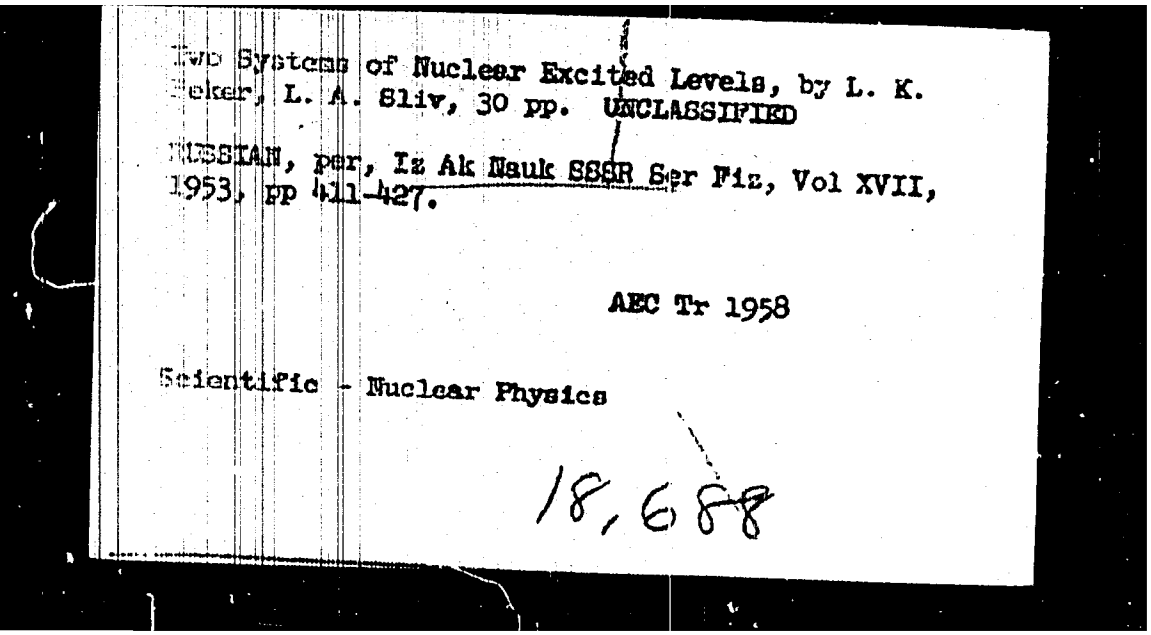

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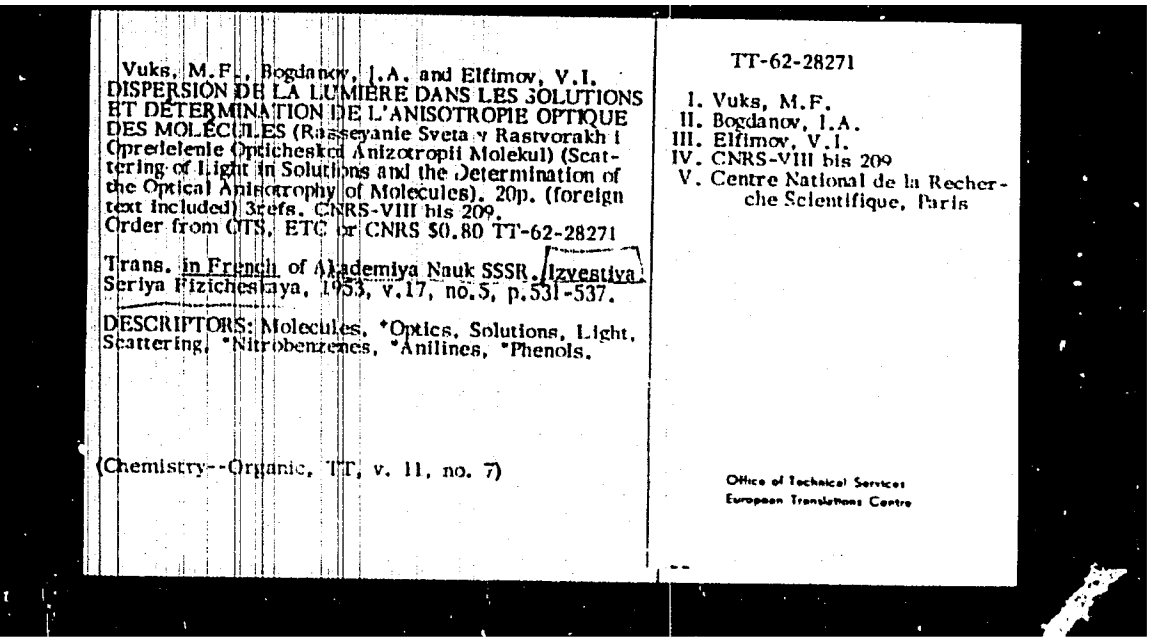

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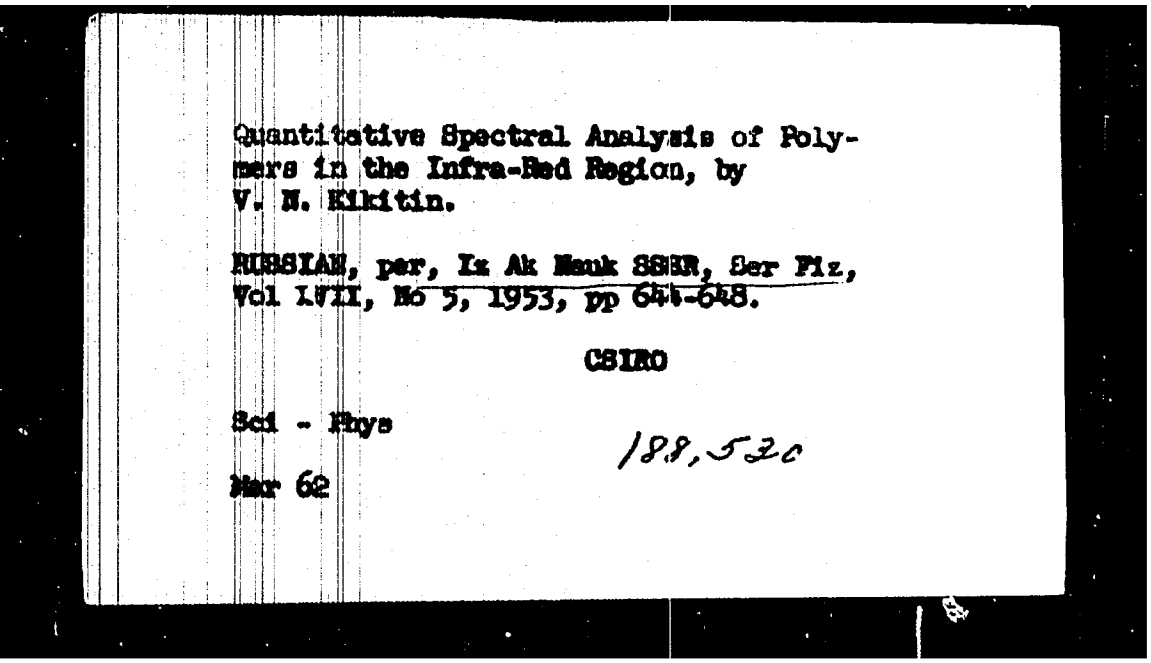

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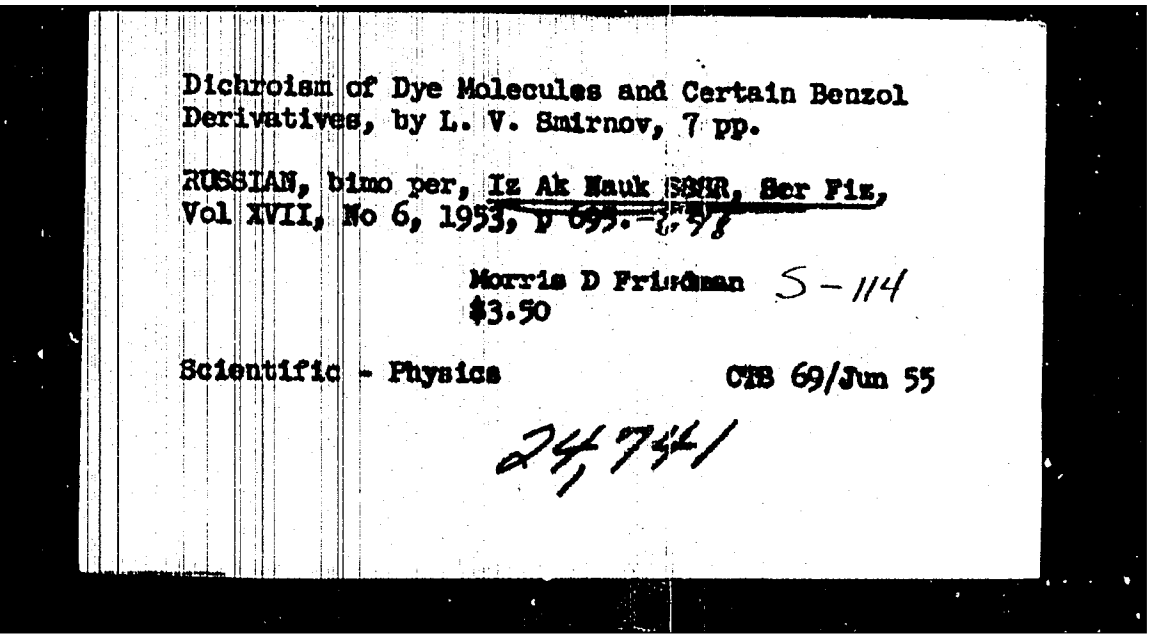

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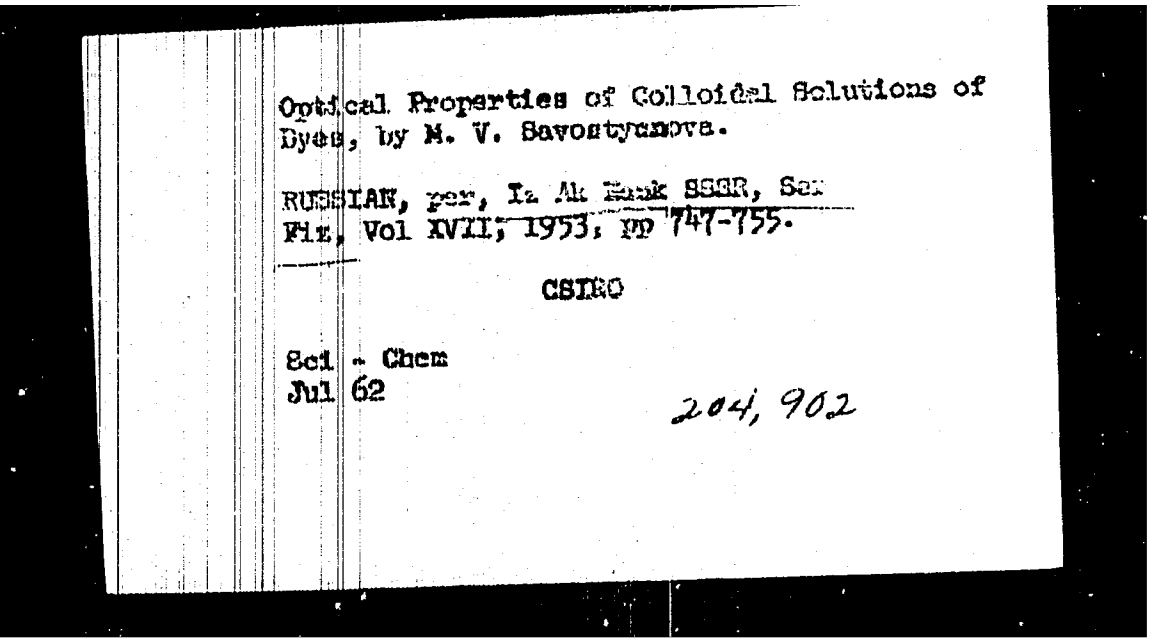

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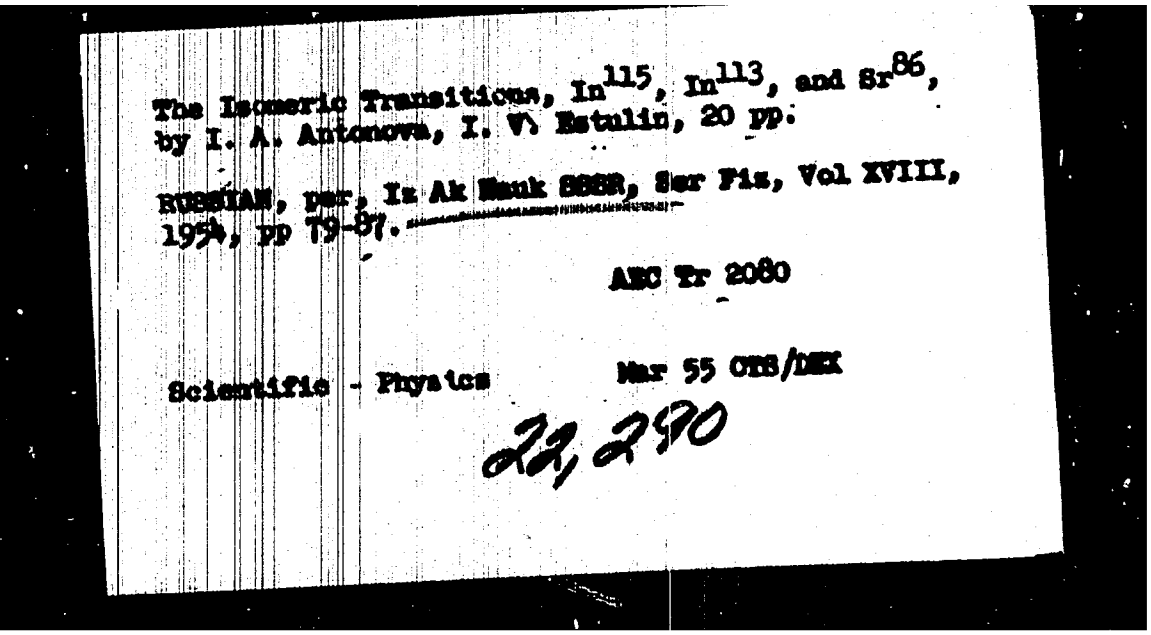

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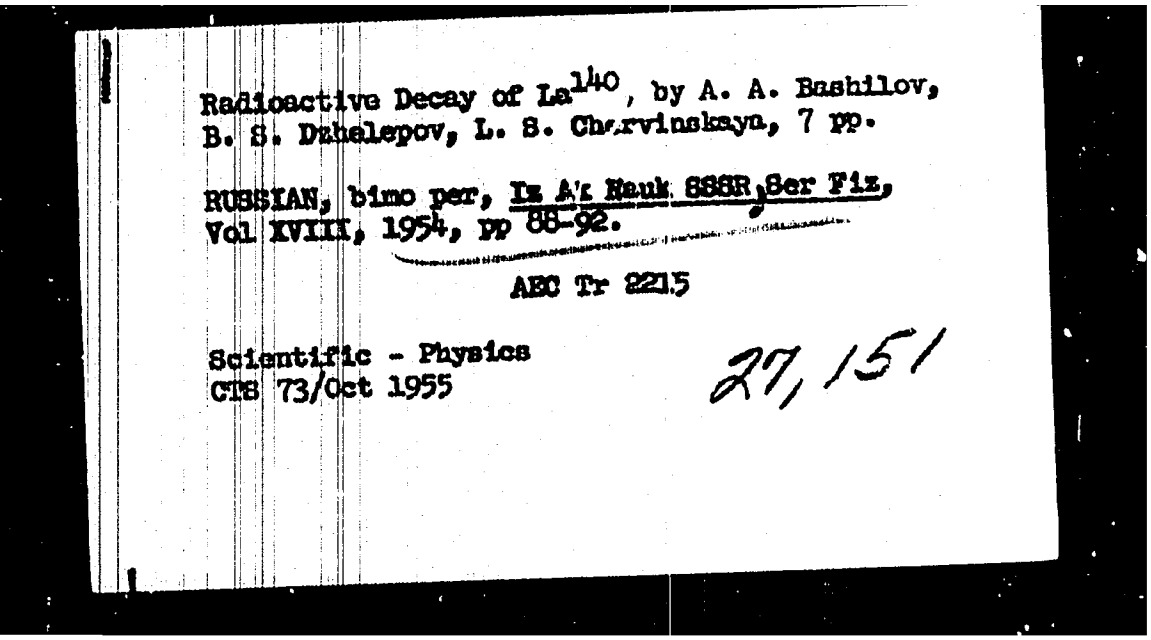

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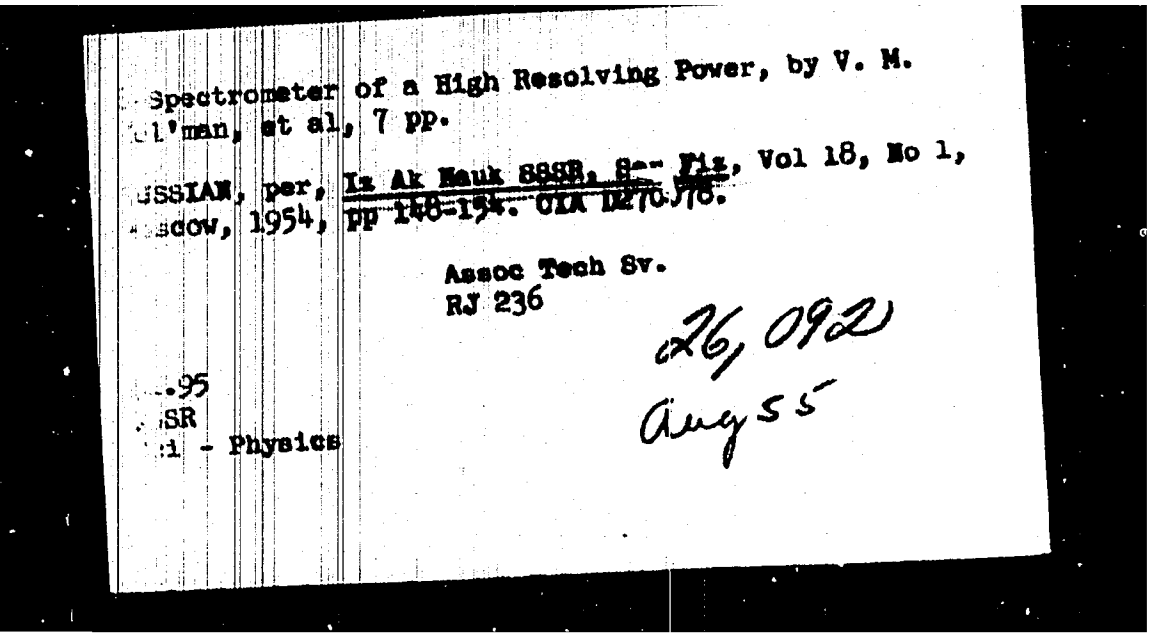

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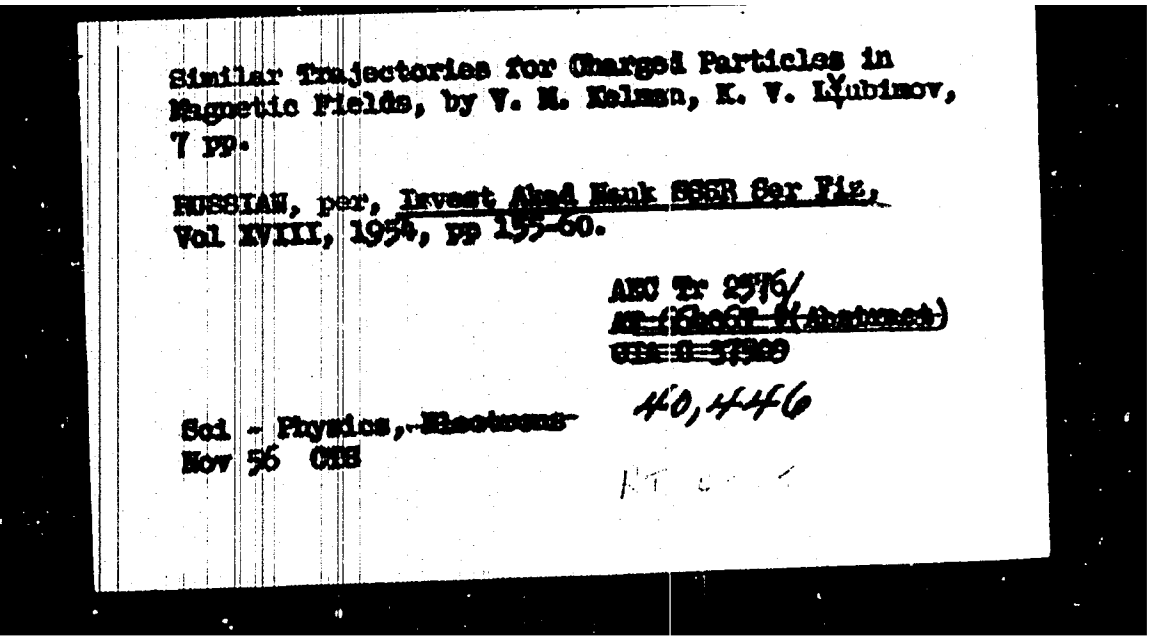

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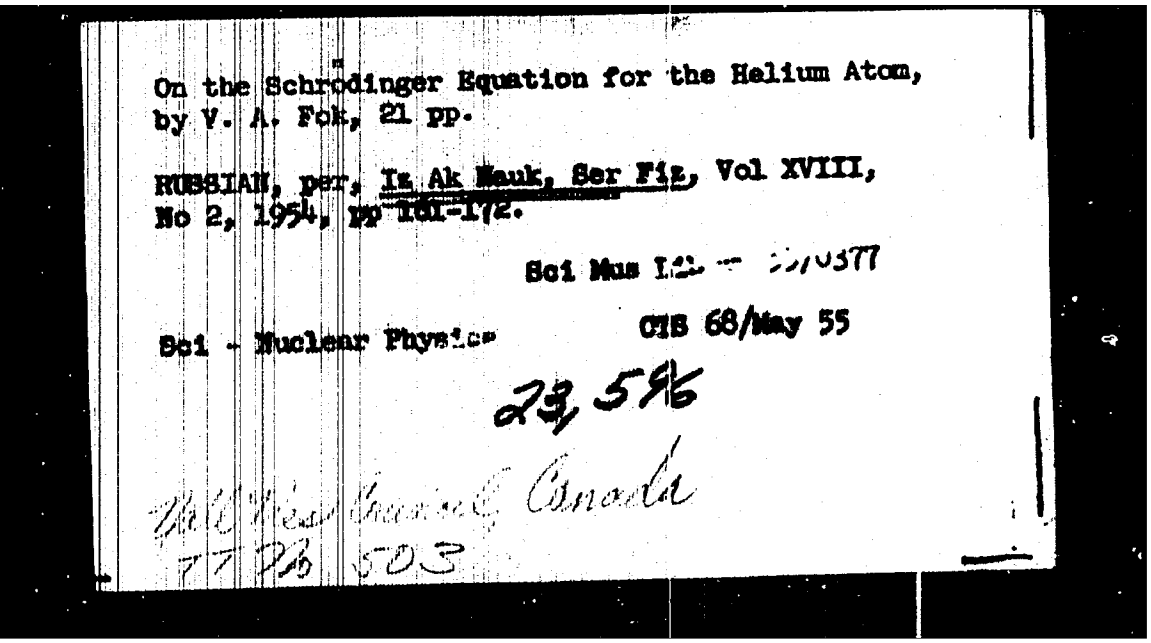

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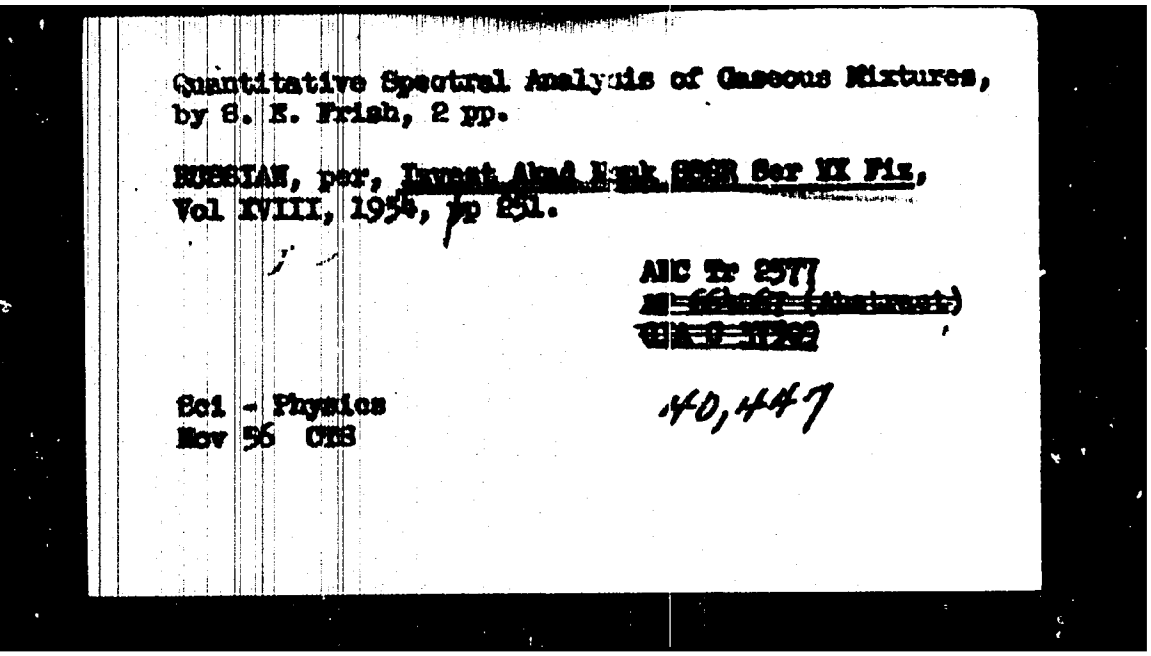

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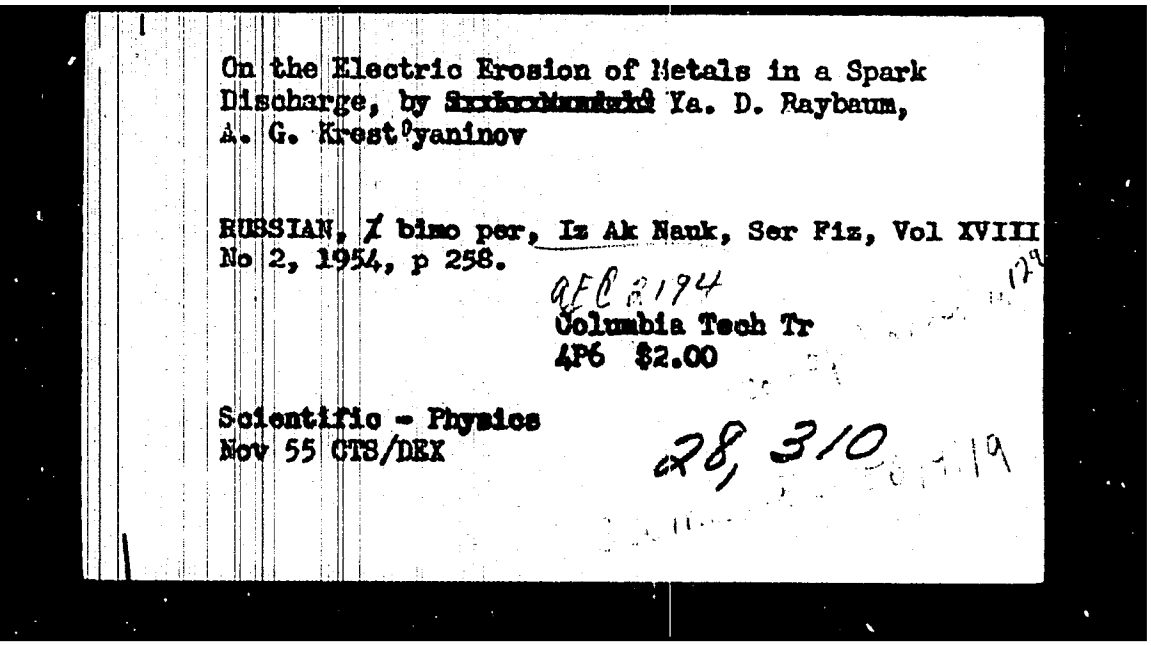

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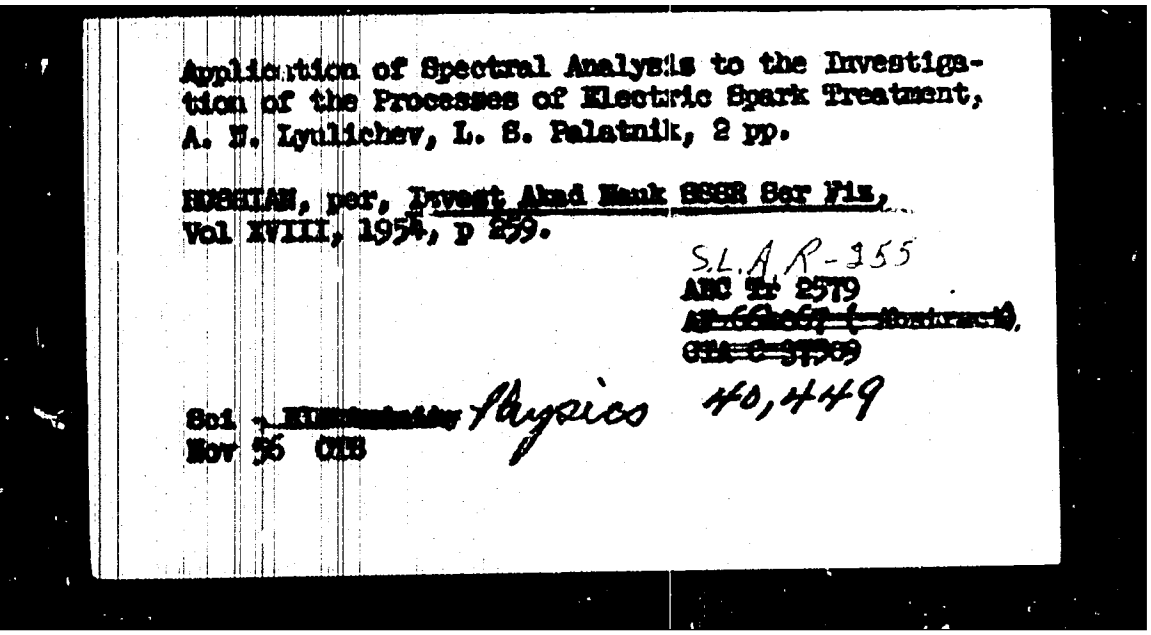

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S.L.A.R-155
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Sci - ~~Electricity~~ Physics 40,449
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RUSSIAN, bimo per, Iz Ak Nauk SSSR, Ser Fiz, Vol XVIII,/1954, pp 261, 262.
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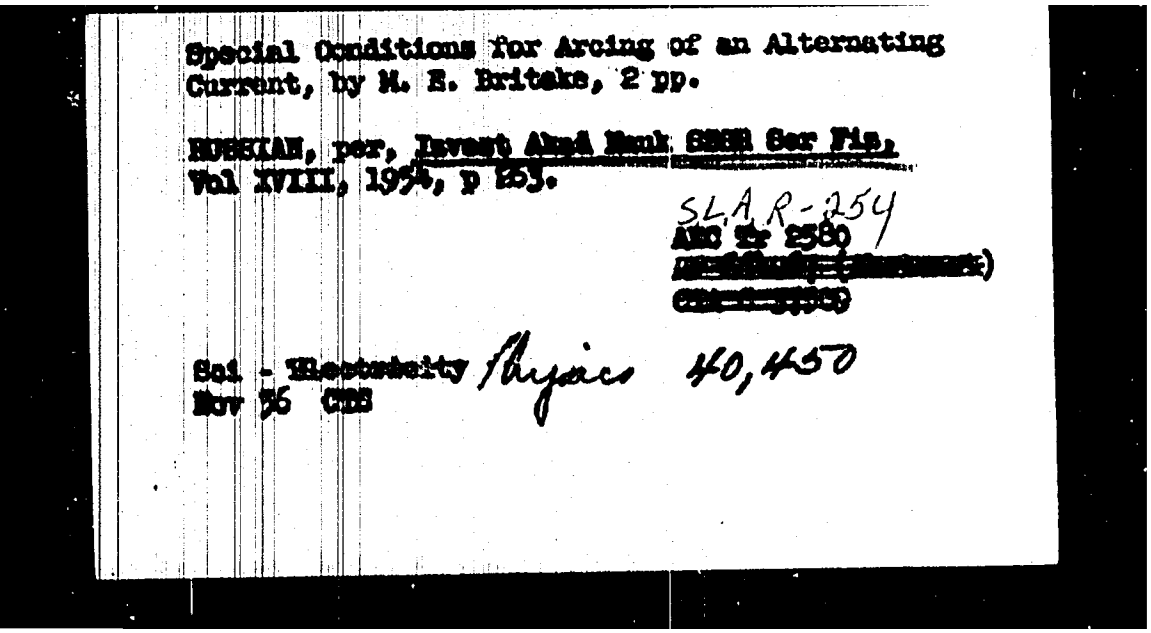

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SLA R-254
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Sol - Electricity Physics 40,450
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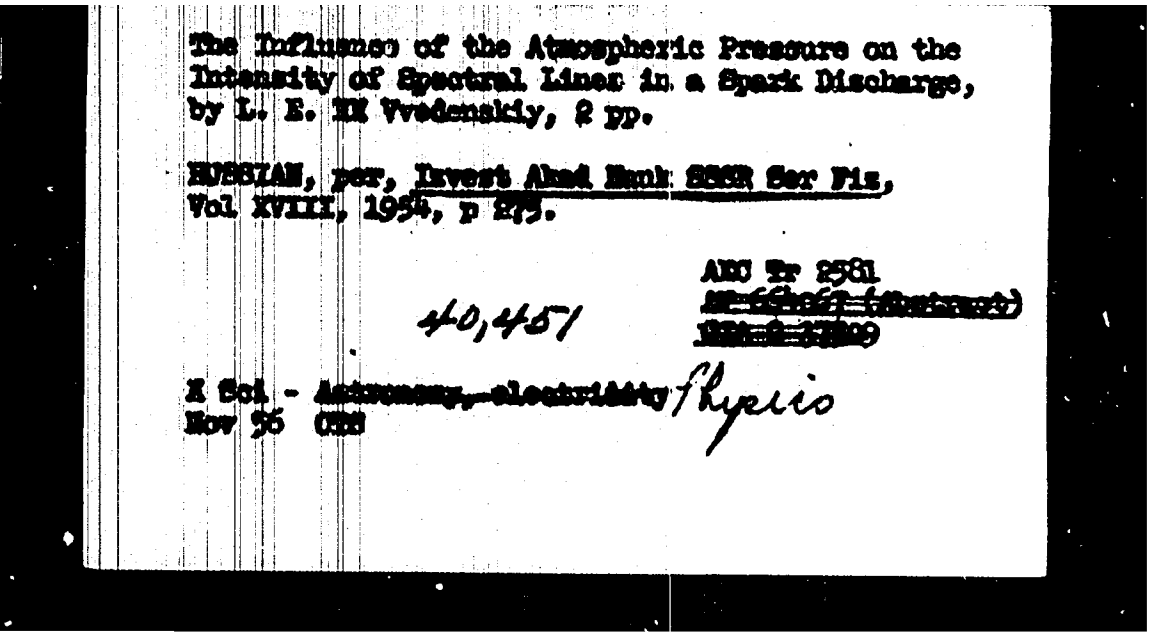

The Influence of the Atmospheric Pressure on the Intensity of Spectral Lines in a Spark Discharge, by L. E. [illegible] Vvedenskiy, 2 pp.

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NTC 72-14067-18D

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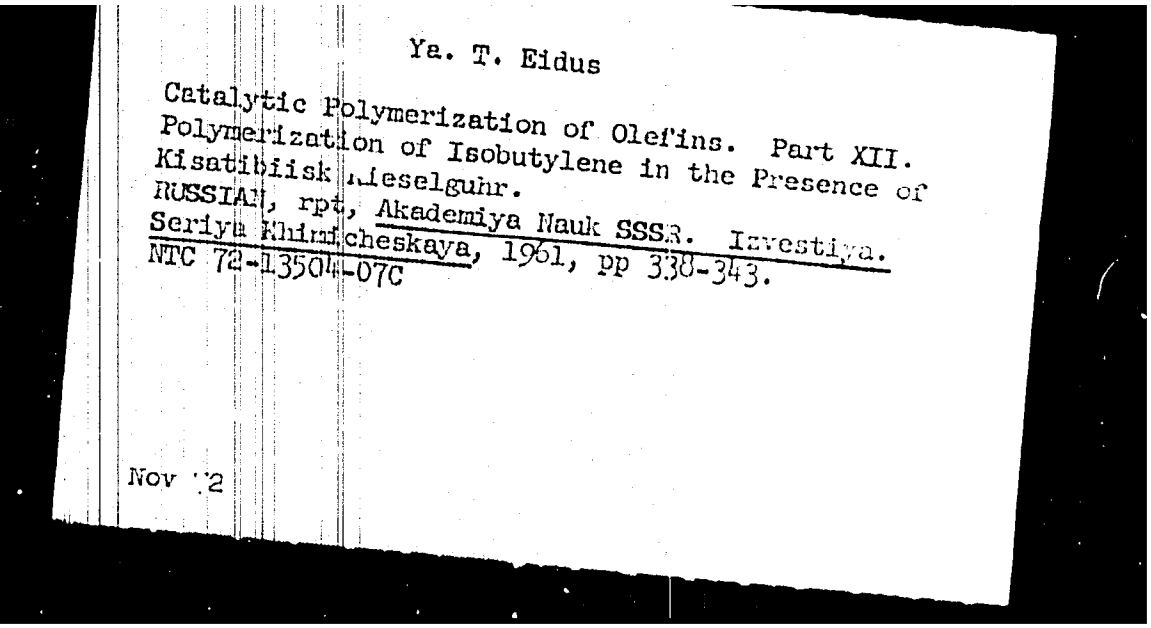

Ya. T. Eidus

Catalytic Polymerization of Olefins. Part XII. Polymerization of Isobutylene in the Presence of Kisatibiisk Aleselguhr.

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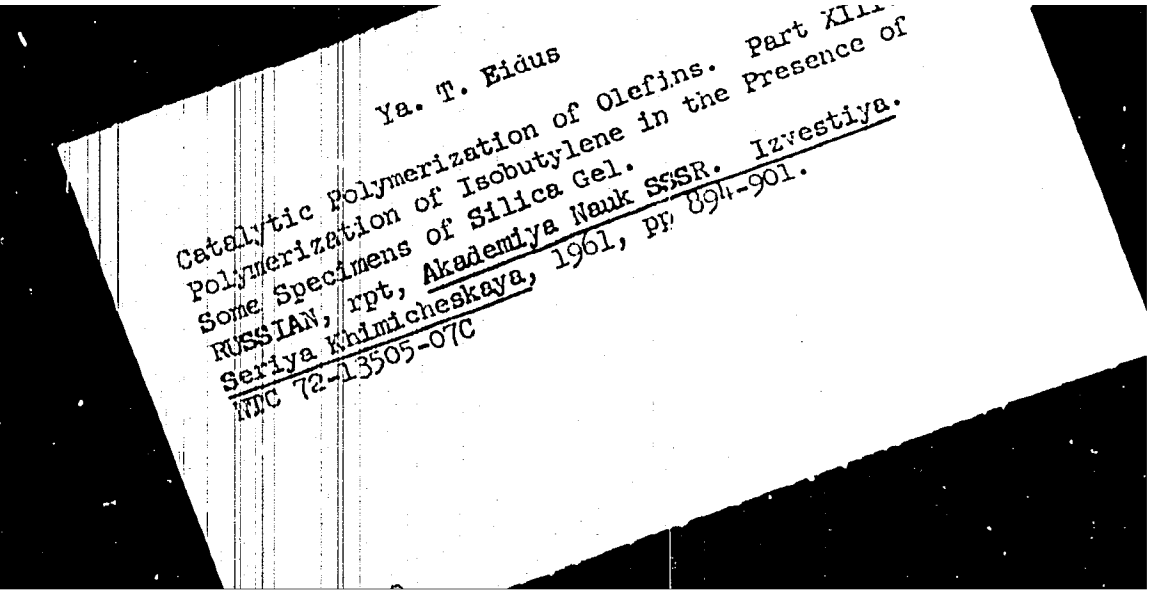

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Catalytic Polymerization of Olefins. Part XII
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G. E. Kocharov

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RUSSIAN, per, Akademiya Nauk SSSR, Izvestiya. Seriya Fizicheskaya, Vol 28, No 10, 1964, pp 1725-1727
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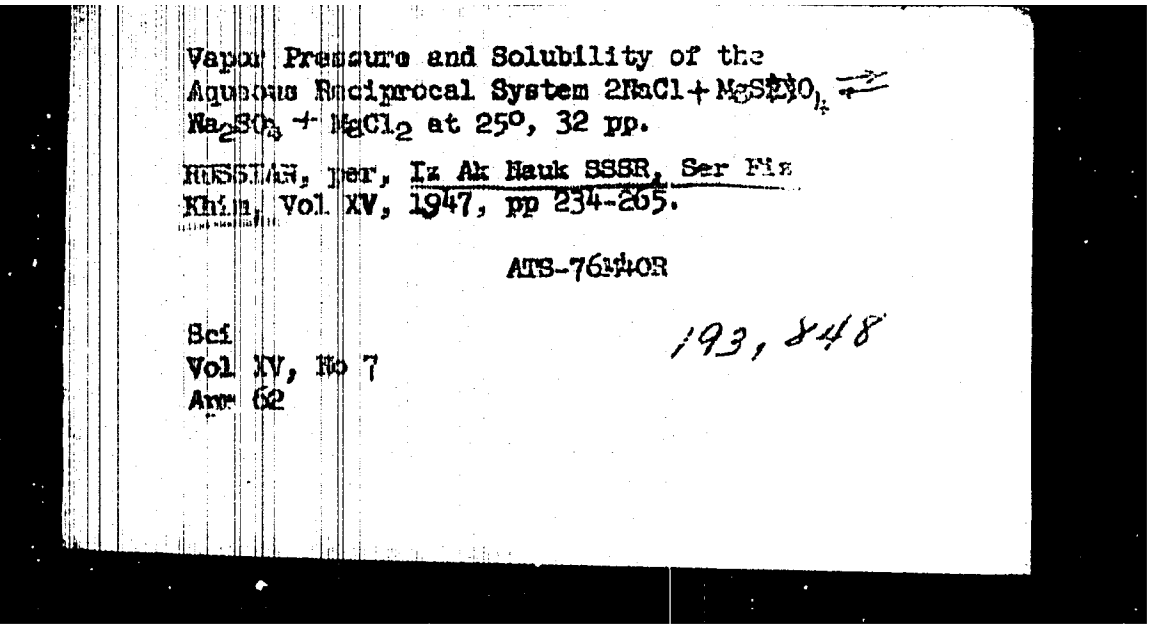

Vapor Pressure and Solubility of the Aqueous Reciprocal System $2NaCl + MgSO_4 \rightleftharpoons Na_2SO_4 + MgCl_2$ at 25°, 32 pp.

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ATS-76140R

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Vol XV, No 7
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Polyakov, V. D.
DOUBLE DECOMPOSITION IN ABSENCE OF SOLVENT. LIV. A QUATERNARY MUTUAL SYSTEM OF FLUORIDES, CHLORIDES, AND BROMIDES OF SODIUM AND POTASSIUM, Na, K1F, Cl, Br (Obmennoe Razlozhenie v Otsutstvii Rastvoritelya. Stat'ya LIV. Chetvertaya Vzaimnaya Sistema iz Ftoristykh, Khloristykh i Bromistykh Solei Natriya i Kaliya, Na, K1F, Cl, Br). [1963] [49p] 28refs
Order from OTS, SLA, or ETC $4.60 TT-63-20766

Trans. of Akademiya Nauk SSSR, Sektor Fiziko-Khimicheskogo Analiza, [Izvestiya] 1940, VI-16, p. 299-320.
Another trans. is available from SLA as RT-955, 33p.

DESCRIPTORS: *Thermochemistry, *Fused materials, *Salts, *Sodium compounds, *Potassium compounds, *Fluorides, *Chlorides, *Bromides, Decomposition, *Phase studies, Chemical equilibrium, Calorimetry, (Chemistry--Physical, TT, v. 11, no. 4)

TT-63-20766

I. Polyakov, V. D.
II. Title: Quaternary...
III. Title: Chetvertaya...
IV. RT-955

Office of Technical Services

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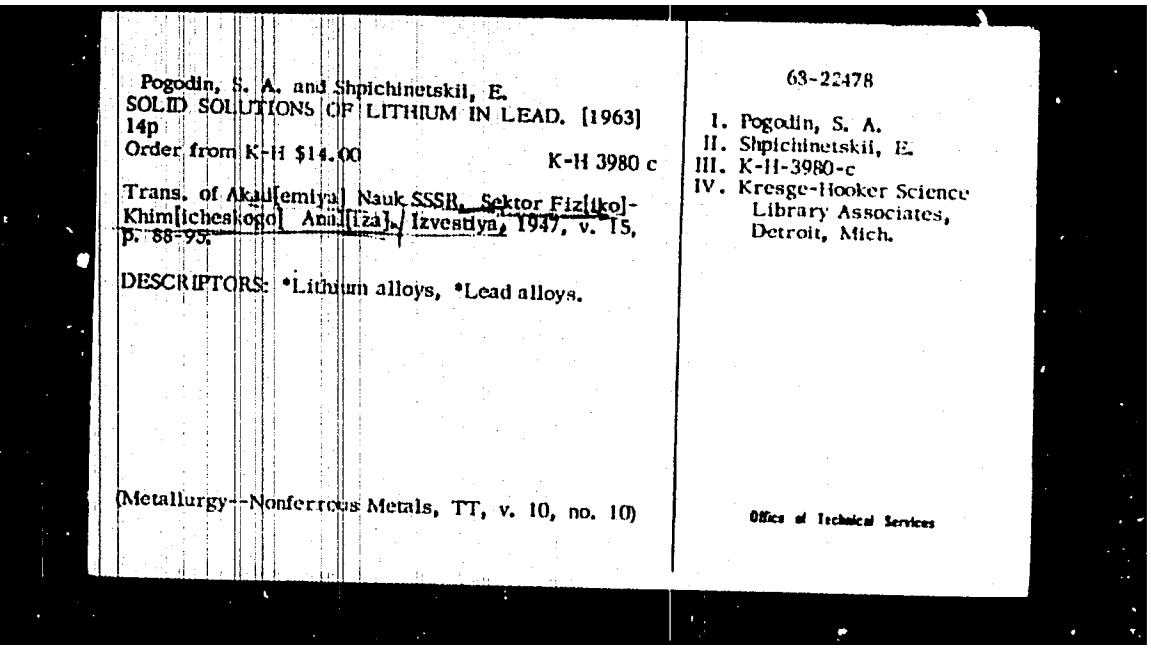

Pogodin, S. A. and Shpichinetskii, E.
SOLID SOLUTIONS OF LITHIUM IN LEAD. [1963]
14p
Order from K-H $14.00 K-H 3980 c

Trans. of Akad[emiya] Nauk SSSR, Sektor Fiz[iko]-Khim[icheskogo] Ana[liza]. Izvestiya, 1947, v. 15, p. 88-95.

DESCRIPTORS: *Lithium alloys, *Lead alloys.

(Metallurgy--Nonferrous Metals, TT, v. 10, no. 10)

63-22478

I. Pogodin, S. A.
II. Shpichinetskii, E.
III. K-H-3980-c
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Pavlenko, S. P.
VOLUME RELATIONS IN BINARY SYSTEMS OF FUSED SALTS. I. SPECIFIC GRAVITIES AND MOLECULAR VOLUMES OF THE SYSTEMS KCl-$ZnCl_2$ AND KCl-$CaCl_2$. [1963] 14p 8refs
Order from OTS, SLA, or ETC $1.60 TT-63-20435

Trans. of Akademiya Nauk SSSR, Sektor Fiziko-Khimicheskogo Analiza, Izvestiya, 1949, v. 17, p. 220-227. (Abstract available)

DESCRIPTORS: *Fused materials, Volume, *Density, *Chlorides, *Potassium compounds, *Zinc compounds, *Calcium compounds, Molecular properties, Phase studies

By the method of hydrostatic weighing the specific gravity of fused $ZnCl_2$, KCl, and $CaCl_2$ was verified and the specific gravities of the systems KCl-$ZnCl_2$ and KCl-$CaCl_2$ were studied. On the basis of the experi-
(Chemistry--Physical, TT, v. 11, no. 2) (over)

TT-63-20435

1. Title: Thermal coefficients
I. Pavlenko, S. P.
II. Title: Specific...

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Voskresenskaya, N. K.
THERMODYNAMICS OF EXCHANGE REACTIONS IN SALT SYSTEMS. [1963] 13p (table omitted) 15refs
Order from OTS, SLA, or ETC $1.60 TT-64-14411

Trans. of Akad[emiya] Nauk SSSR. Sektor Fiz[iko]-Khim[icheskogo] Anal[iza]. Izvest[iya] 1949, v. 19, p. 155-161.

DESCRIPTORS: *Salts, Exchange reactions, *Thermodynamics, Thermochemistry.

(Chemistry--Physical, TT, v. 11, no. 10)

TT-64-14411

I. Voskresenskaya, N. K.

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APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130002-9

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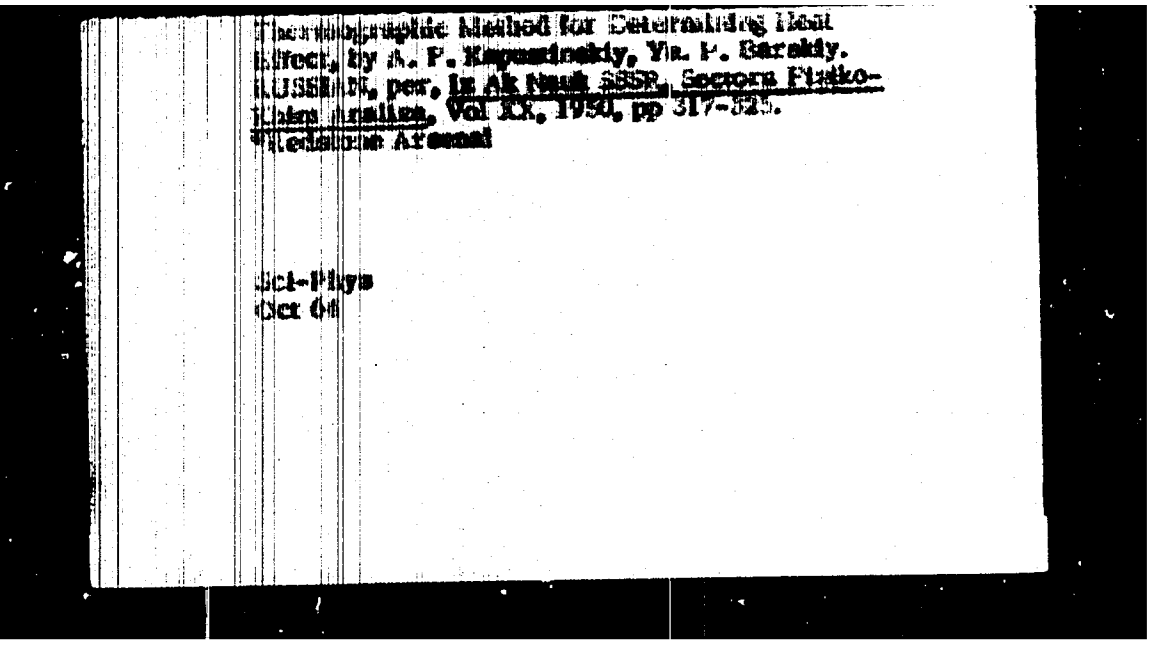

Thermographic Method for Determining Heat Effect, by A. P. Kapustinskiy, Yu. P. Barskiy. (USSR), per. in Ak Nauk SSSR, Seksiya Fiziko-Khimicheskogo Analiza, Vol XX, 1950, pp 317-325. Redstone Arsenal

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Voskresenskaya, N. K. and Kashcheev, G. N.
SOLUBILITY OF BARIUM OXIDE IN FUSED SALTS.
[1963] 16p
Order from K-H $16.00 K-H 5866 f

Trans. of [Akademiya Nauk SSSR], Sektor Fiziko-Khimicheskogo Analiza. Izvestiya, 1954, v. 25, p. 168-175.

DESCRIPTORS: *Fused materials, *Salts, *Barium compounds, Oxides, Solubility.

(Chemistry--Physical, TT, v. 10, no. 10)

63-22491

I. Voskresenskaya, N. K.
II. Kashcheev, G. N.
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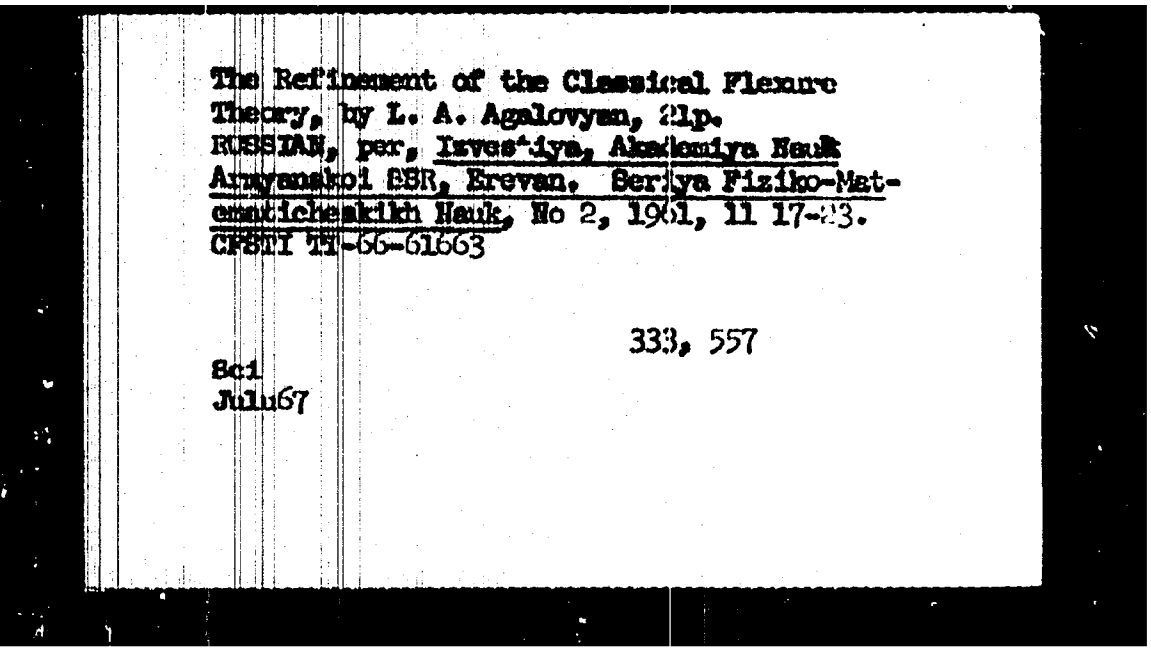

The Refinement of the Classical Flexure Theory, by L. A. Agalovyan, 21p.
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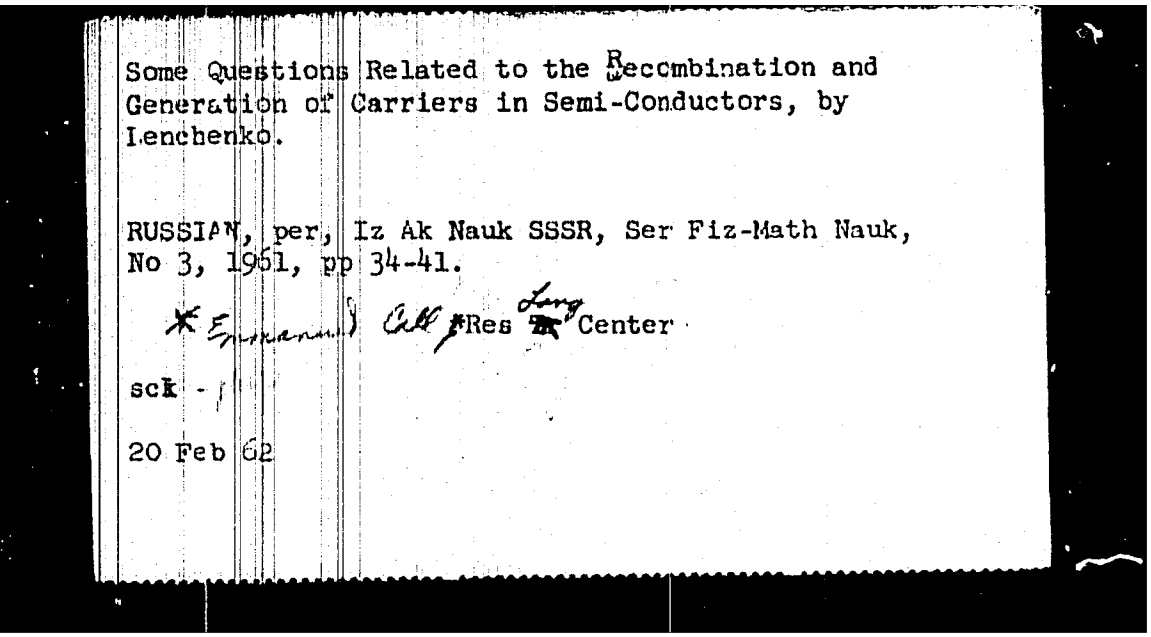

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RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz-Math Nauk, No 3, 1961, pp 34-41.

*Emmanuel Calif Res Long Beach Center

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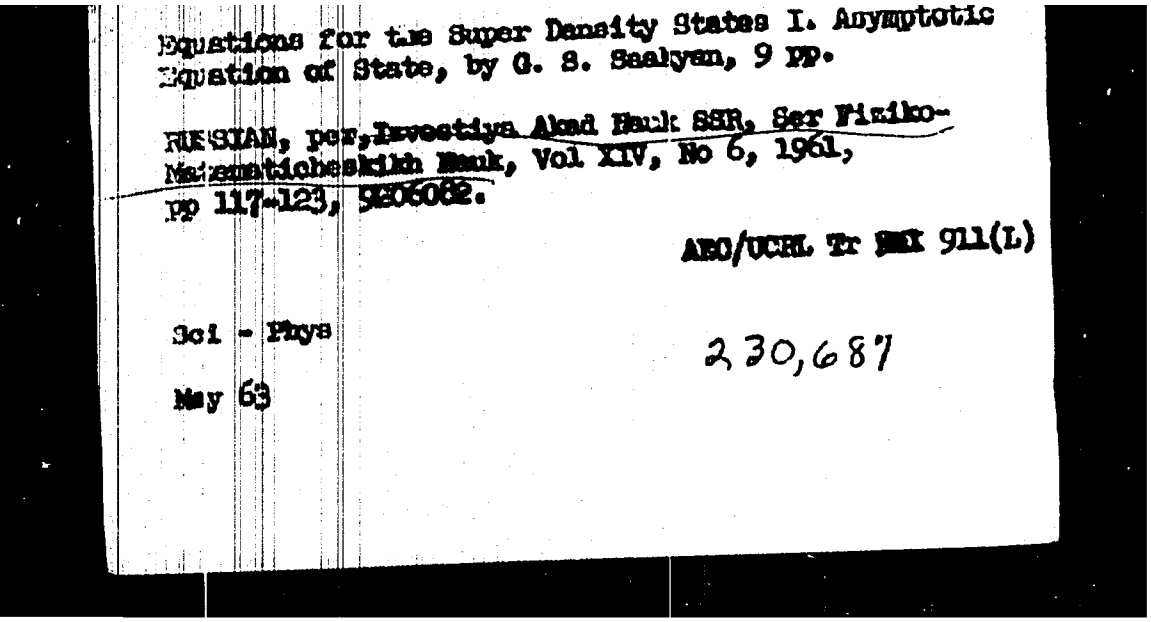

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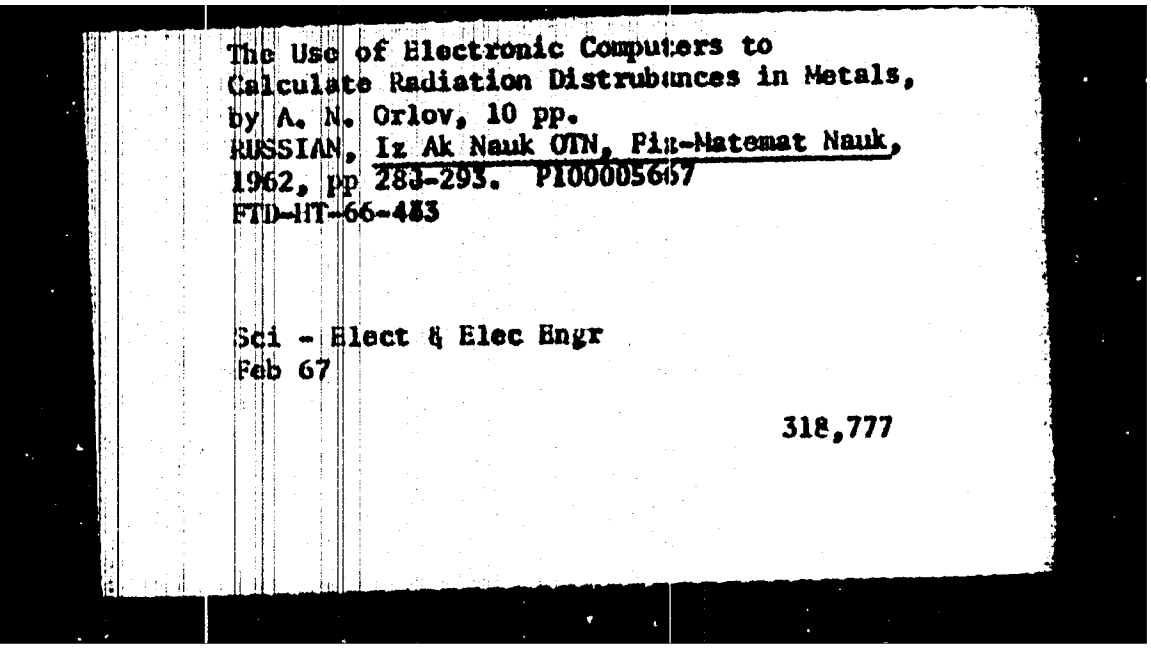

The Use of Electronic Computers to Calculate Radiation Distrubances in Metals, by A. N. Orlov, 10 pp.
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The Mechanism of the Formation of Radiation Defects in Crystals, by S. V. Starodubtsev, A. Ye. Kiv. 4 pp.
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The Absorption of Ultrasonic Waves in Mixtures of Water and Formic Acid, by V. F. Nozdrev.
RUSSIAN, per. Izv. A.N. Uz. SSR Ser Fiz. -Mat Nauk, Vol 7, No 6, 1963, pp 99-101.
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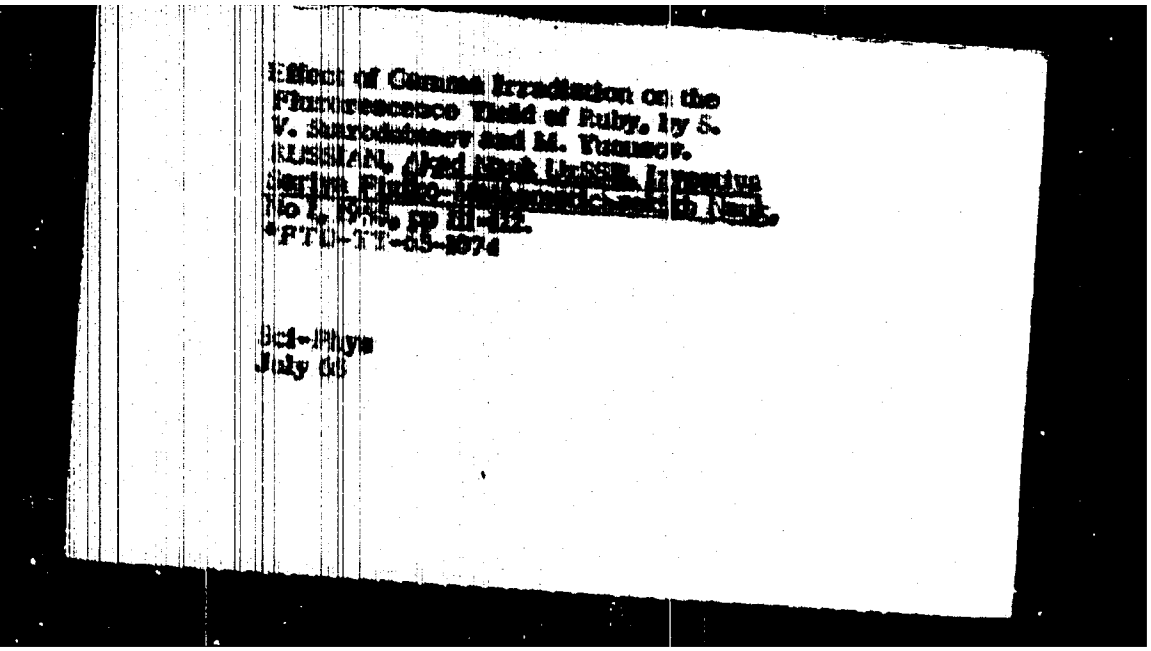

Effect of Gamma Irradiation on the
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V. Samoylovich and M. Tumanov.
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Optika i Spektroskopiya, Izdatel'stvo
No 2, 1956, pp 311-312.
FTD-TT-63-1074

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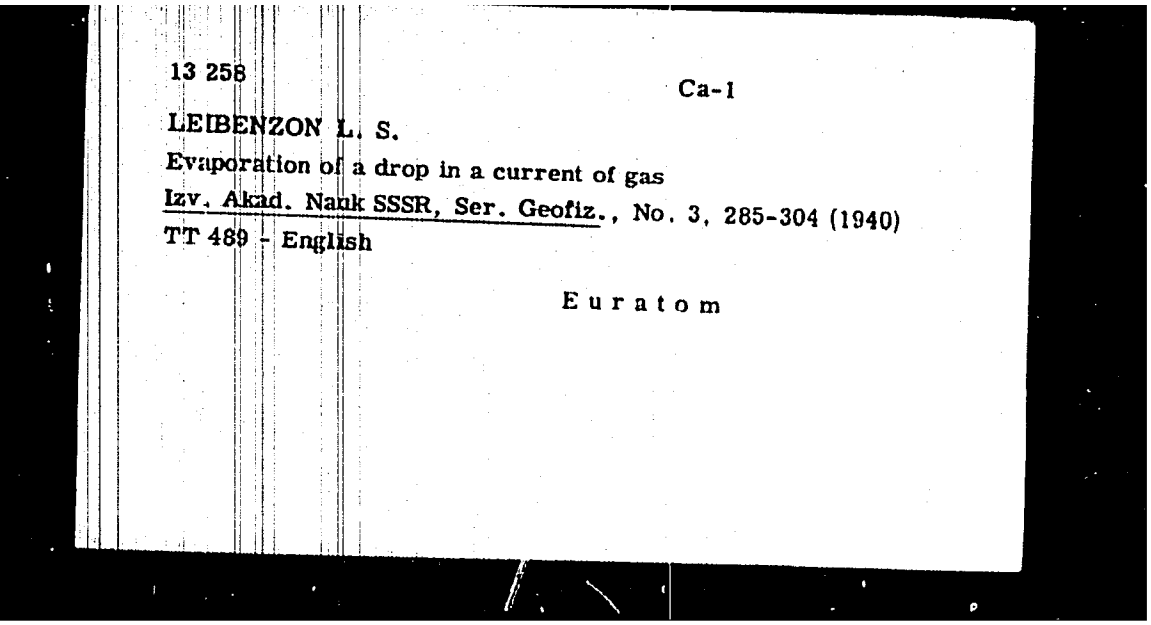

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LEIBENZON L. S.

Evaporation of a drop in a current of gas

Izv. Akad. Nauk SSSR, Ser. Geofiz., No. 3, 285-304 (1940)

TT 489 - English

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Propagation of Seismic Waves in Discrete and Heterogeneous Media, by Yu. V. Riznichenko.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geofiz, Vol XIII, No 2, 1949, pp 116-128.

*Univ of Wisconsin
(NSF)

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Determination of a Variable Electric Field in a Stratified Medium, by A. N. Tikhonov, Sa M. Nikhina, 17 p.
RUSSIAN, per, Izvestiya Akademii SSSR, Seriya Geograficheskaya i Geofizicheskaya, Vol XIV, No 2, 1950.
ACSI I-8418
ID 22040 77 65

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APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130002-9

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Belousov, V. V.
PROBLEME DES INNEREN BAUS DER ERDE UND DER ERDENTWICKLUNG. II. DIE VORGÄNGE IM ERDINNERN UND DIE ERDENTWICKLUNG (Problemy Vnutrennego Stroyeniya Zemli i yeye Razvitiya). [1961] [16]p. 12 refs. [DSIR LLU] M 2097.
Order from OTS or SLA $1.60 61-13454

Trans. in German of A[kademiya] N[auk] SSSR. Izvestiya, Seriya Geofiz[icheskaya] 1951, no. 2, p. 4-16 (pub. in Sowjetwissenschaft. Naturwissenschaftliche [Beiträge] (West Germany) 1951, v. 4, no. 2).

DESCRIPTORS: *Geophysics, *Earth, *Geology, Theory

The primary process in the development of the earth and of its crust is considered to be the differentiation of materials, which occurs "in several stories". In the upper layers the differentiation progresses more rapidly than in the deep ones, and for this reason the (Earth Sciences--Geology, TT, v. 6, no. 3) (over)

61-13454

I. Belousov, V. V.
II. Title: Vorgänge...
III. DSIR LLU M. 2097

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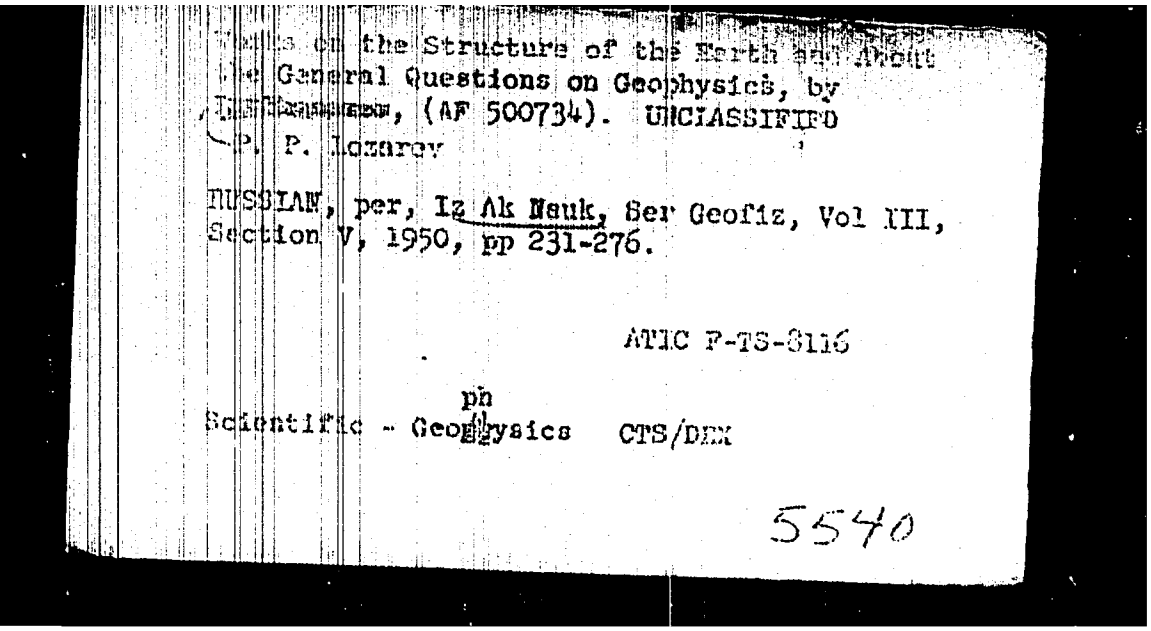

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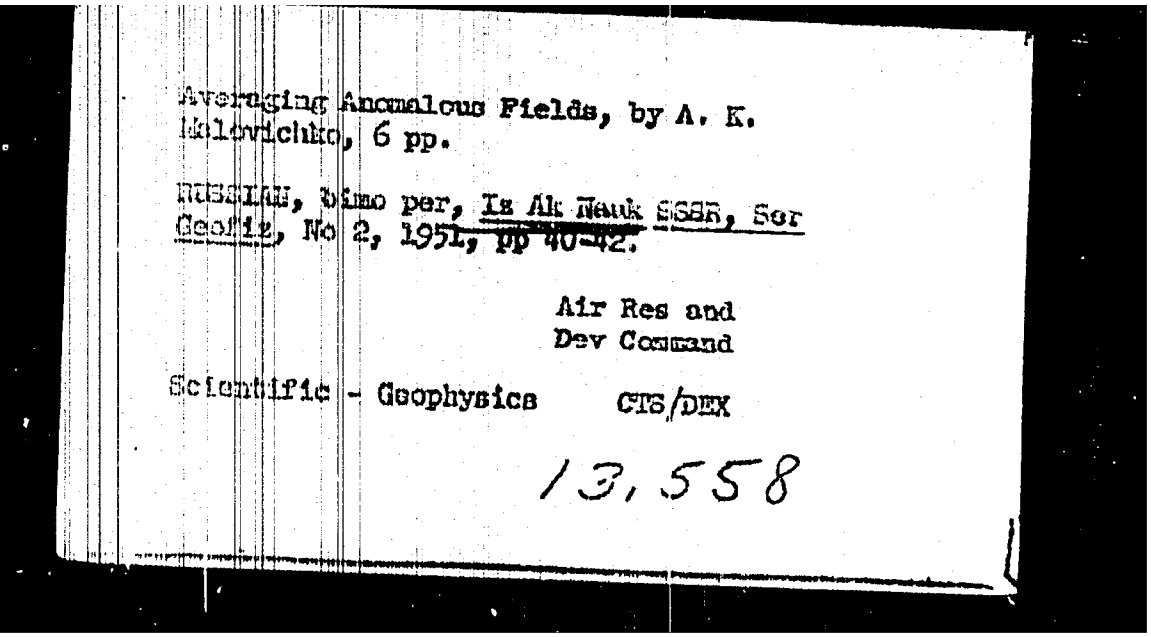

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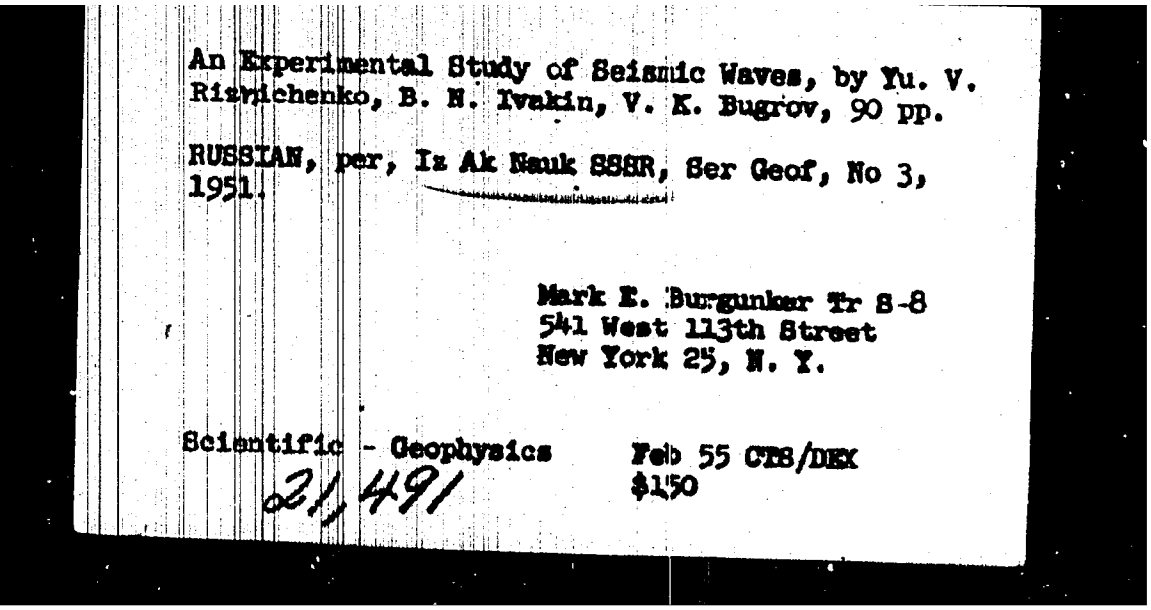

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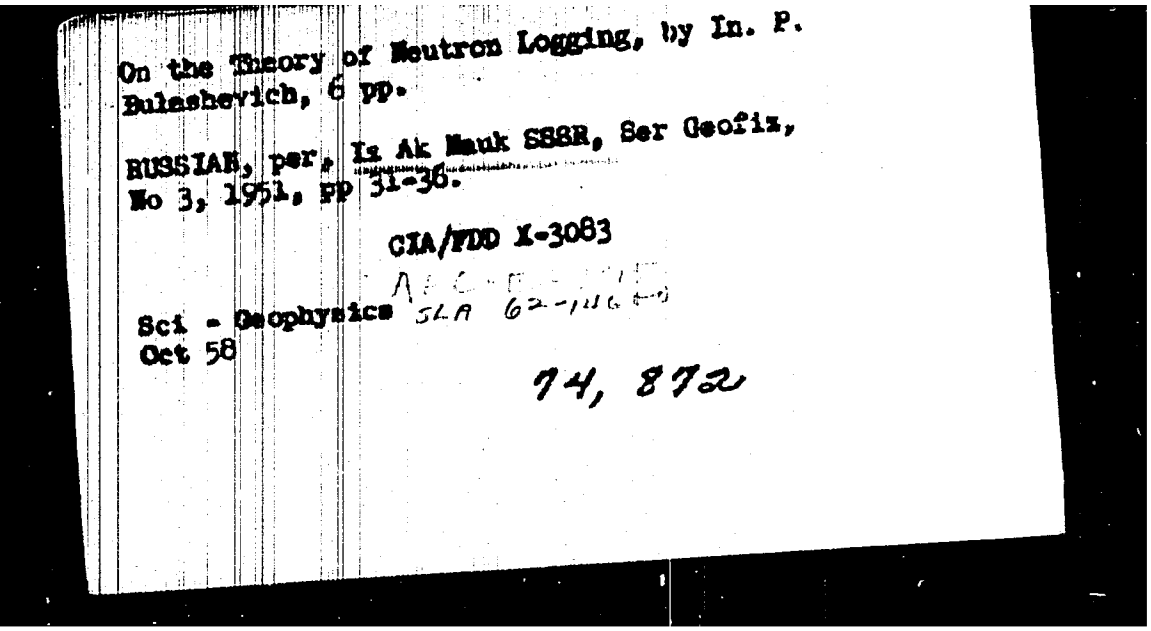

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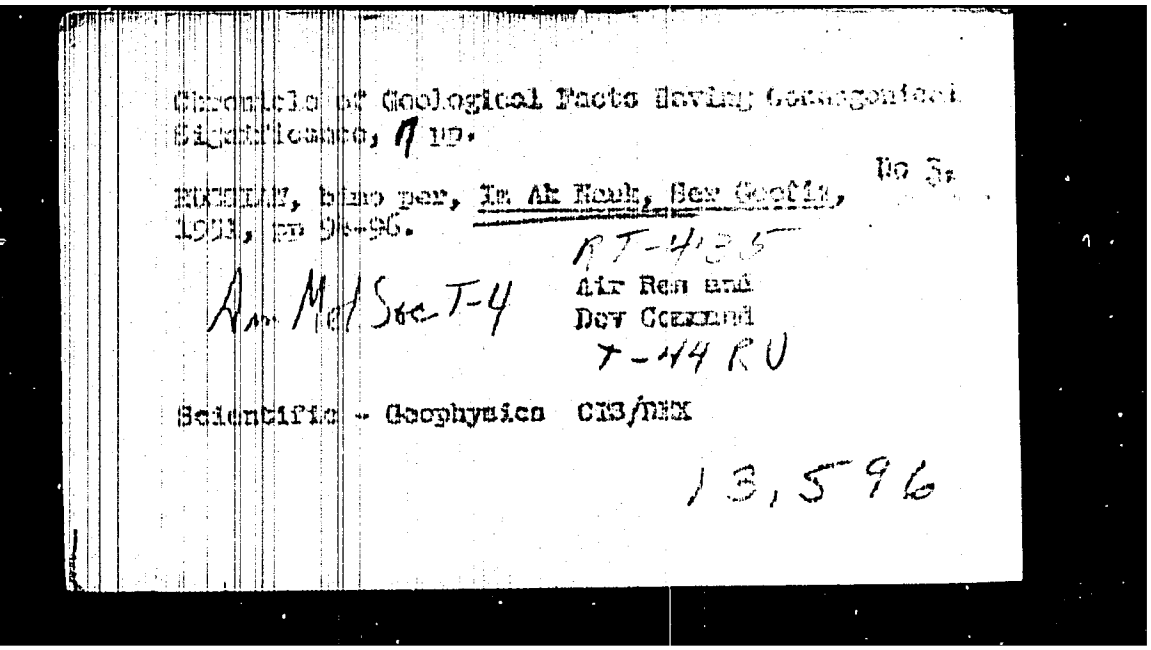

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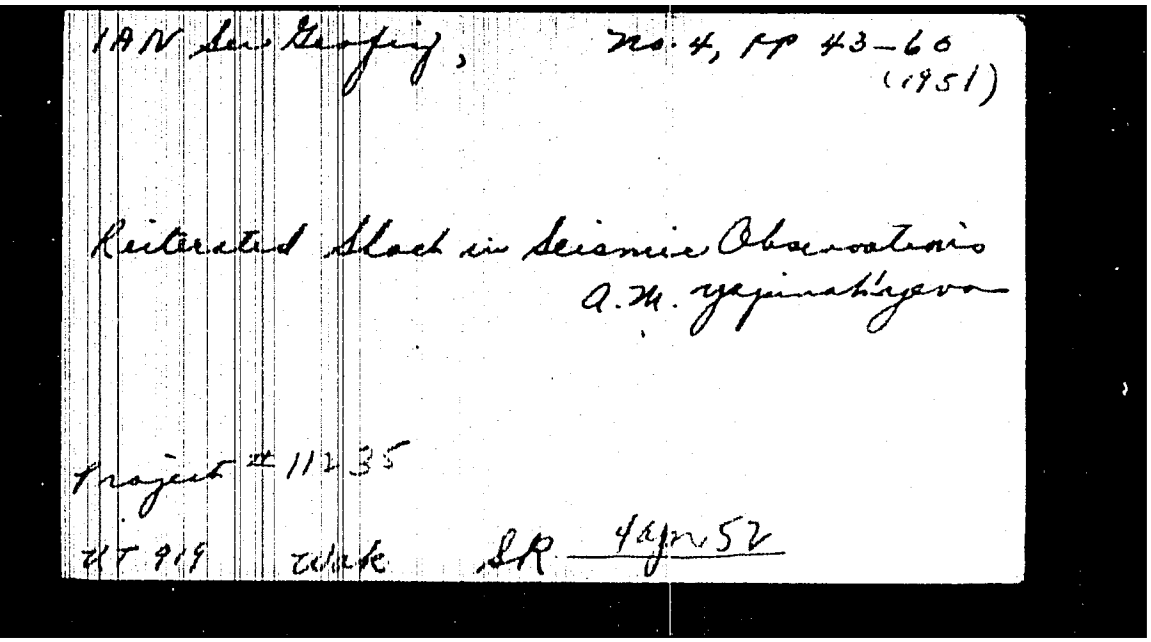

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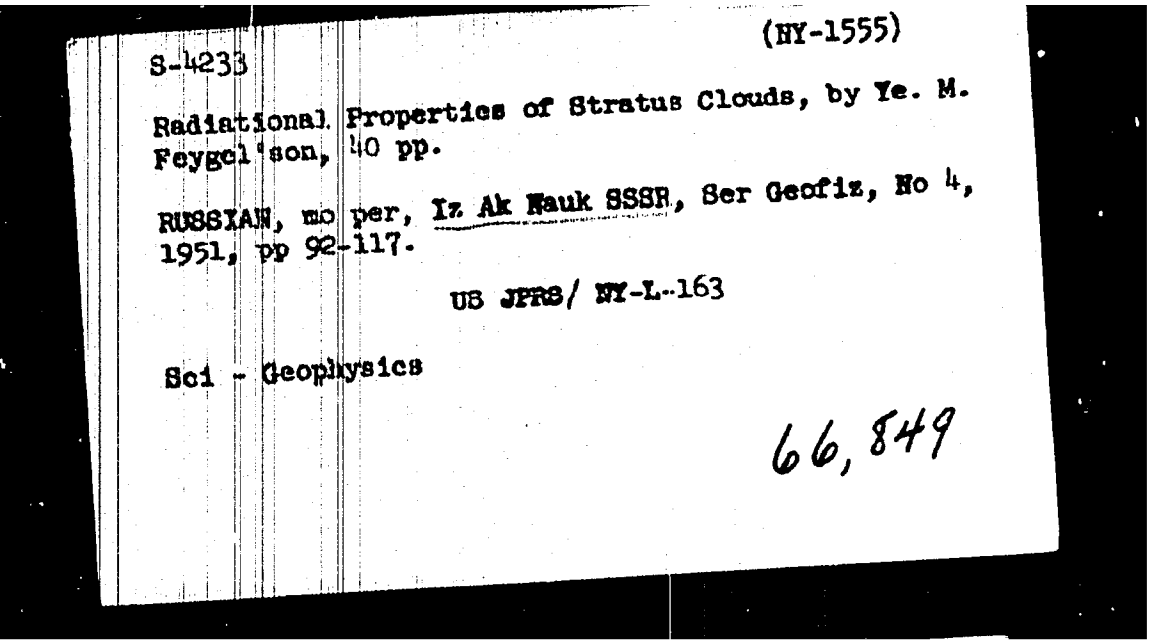

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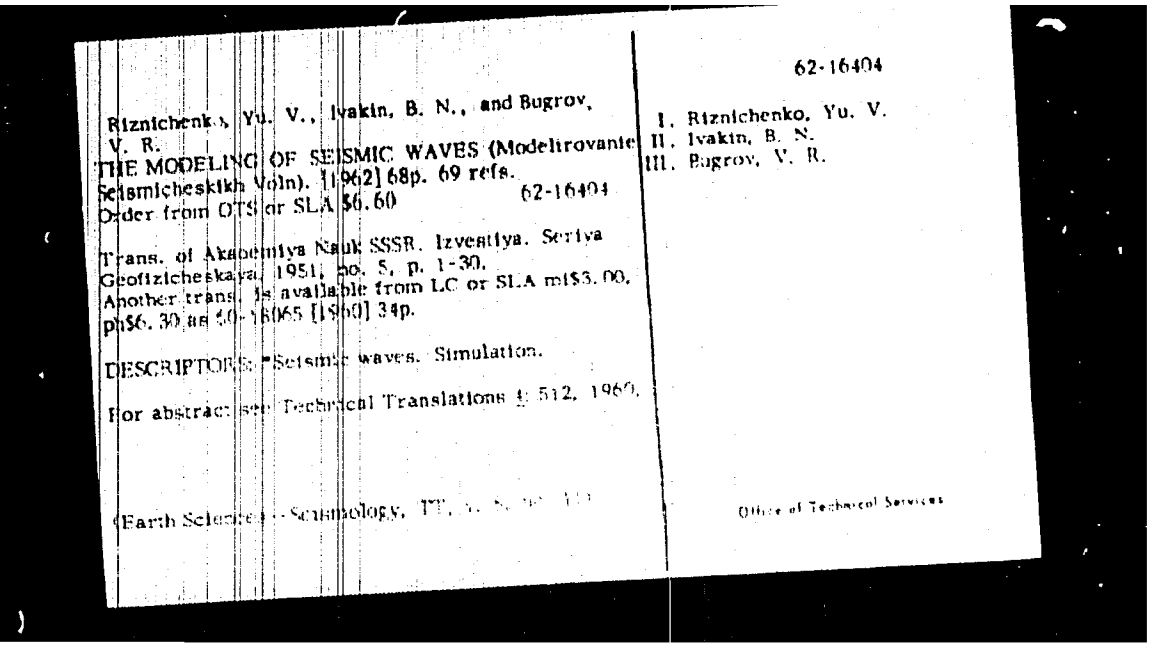

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